

SWITCHING COMPLEX
ARCHITECTURE AND OPERATION

ABSTRACT OF THE DISCLOSURE

A system operable to communicate time-division multiplexed information and asynchronous transfer mode cells includes a primary rate switching fabric operable to receive a first plurality of transport signals and to switch the first plurality of transport signals at a first level, a sub-rate switching fabric operable to receive a second plurality of transport signals carrying time-division multiplexed information and to switch the second plurality of transport signals at second level that is a more granular level than the first level, and an asynchronous transfer mode switching fabric operable to receive a third plurality of transport signals carrying asynchronous transfer mode cells, and to switch asynchronous transfer mode cells among the third plurality of transport signals carrying asynchronous transfer mode cells.